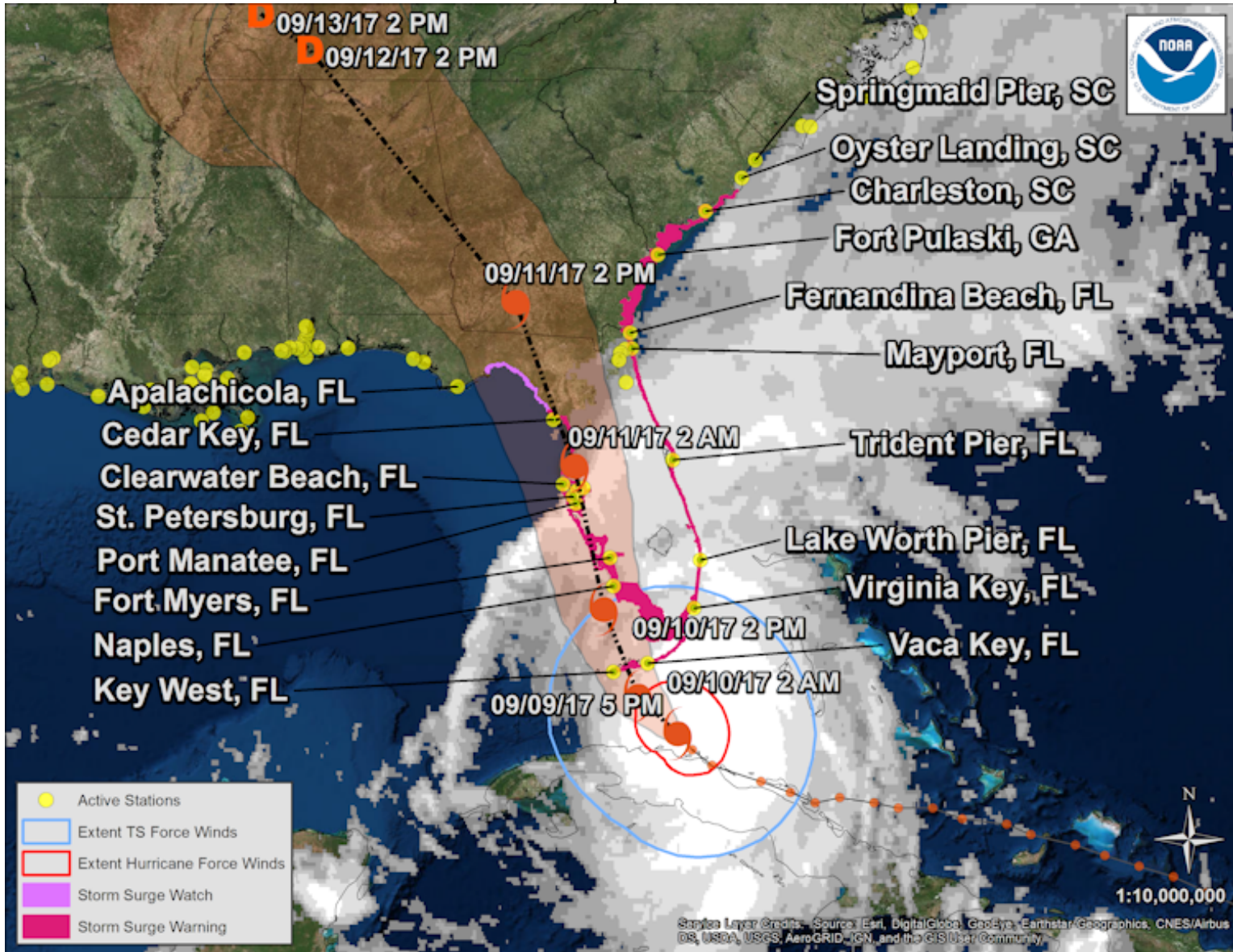




Hurricane IRMA QuickLook Posted: 18:00 EDT 09/09/2017

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/09/2017 18:00 EDT, water levels along the Gulf Coast of Florida are within or below normal tide levels. Water levels from the Florida Keys to South Carolina are 0.5-2 feet above normal tide levels. The highest water level is occurring at Fernandina Beach, FL with a height of 3 feet above normal tide levels. Water levels from the Florida Keys to South Carolina are slightly rising over the past several hours.

Winds from Key West to Lake Worth Pier continue to increase and range from 15 to 40 knots with slightly higher gusts this afternoon. Barometric pressure is falling quickly across southern Florida and the Florida Keys.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: RCL

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

Hurricane Irma Advisory Number 43
NWS National Hurricane Center Miami FL
500 PM EDT Sat Sep 09 2017

...EYE OF IRMA BEGINNING TO MOVE SLOWLY AWAY FROM THE COAST OF CUBA
WHILE WEATHER IS DETERIORATING IN SOUTH FLORIDA...
...MAJOR HURRICANE FORCE WINDS EXPECTED OVER THE FLORIDA KEYS AT
DAYBREAK...

SUMMARY OF 500 PM EDT...2100 UTC...INFORMATION

LOCATION...23.4N 80.5W
ABOUT 50 MI...80 KM ENE OF VARADERO CUBA
ABOUT 115 MI...190 KM SE OF KEY WEST FLORIDA
MAXIMUM SUSTAINED WINDS...125 MPH...205 KM/H
PRESENT MOVEMENT...WNW OR 295 DEGREES AT 9 MPH...15 KM/H
MINIMUM CENTRAL PRESSURE...933 MB...27.55 INCHES

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

The Storm Surge Warning has been extended from the Volusia/Brevard County Line northward to the South Santee River.

The Hurricane Watch west of the Aucilla River to Indian Pass has been upgraded to a Hurricane Warning, and the Tropical Storm Watch west of Indian Pass to the Okaloosa/Walton County Line has been upgraded to a Tropical Storm Warning.

A Tropical Storm Warning has been issued north of Fernandina Beach to South Santee River.

The government of Cuba has discontinued the watches and warnings for

Holguin and Las Tunas provinces.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Storm Surge Warning is in effect for...

- * South Santee River southward around the Florida peninsula to the Suwanee River
- * Florida Keys
- * Tampa Bay

A Storm Surge Watch is in effect for...

- * North of the Suwanee River to Ochlockonee River

A Hurricane Warning is in effect for...

- * Fernandina Beach southward around the Florida peninsula to Indian Pass
- * Florida Keys
- * Lake Okeechobee
- * Florida Bay
- * Cuban provinces of Camaguey, Ciego de Avila, Sancti Spiritus, Villa Clara, Matanzas, and Havana
- * Andros Island, Bimini and Grand Bahama

A Hurricane Watch is in effect for...

- * North of Fernandina Beach to Edisto Beach
- * West of the Aucilla River to Indian Pass

A Tropical Storm Warning is in effect for...

- * West of Indian Pass to the Okaloosa/Walton County Line
- * North of Fernandina Beach to South Santee River

A Storm Surge Warning means there is a danger of life-threatening inundation, from rising water moving inland from the coastline, during the next 36 hours in the indicated locations. For a depiction of areas at risk, please see the National Weather Service Storm Surge Watch/Warning Graphic, available at hurricanes.gov. This is a life-threatening situation. Persons located within these areas should take all necessary actions to protect life and property from rising water and the potential for other dangerous conditions. Promptly follow evacuation and other instructions from local officials.

A Storm Surge Watch means there is a possibility of life-threatening inundation, from rising water moving inland from the coastline, in the indicated locations during the next 48 hours. For a depiction of areas at risk, please see the National Weather Service Storm Surge Watch/Warning Graphic, available at hurricanes.gov.

A Hurricane Warning means that hurricane conditions are expected somewhere within the warning area. Preparations to protect life and

property should be rushed to completion.

A Hurricane Watch means that hurricane conditions are possible within the watch area. A watch is typically issued 48 hours before the anticipated first occurrence of tropical-storm-force winds, conditions that make outside preparations difficult or dangerous.

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area.

Interests elsewhere in Cuba and the southeastern United States should monitor the progress of Irma.

For storm information specific to your area in the United States, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office. For storm information specific to your area outside the United States, please monitor products issued by your national meteorological service.

DISCUSSION AND 48-HOUR OUTLOOK

At 500 PM EDT (2100 UTC), the eye of Hurricane Irma was located near latitude 23.4 North, longitude 80.5 West. Irma is moving toward the west-northwest near 9 mph (15 km/h). A northwest motion is expected to begin tonight with a turn toward the north-northwest on Sunday. On the forecast track, the core of Irma will continue to move near the north coast of Cuba during the next few hours, and will reach the Florida Keys Sunday morning. The hurricane is expected to move along or near the southwest coast of Florida Sunday afternoon.

Maximum sustained winds are near 125 mph (205 km/h) with higher gusts. Irma is a category 3 hurricane on the Saffir-Simpson Hurricane Wind Scale. Irma is forecast to restrengthen once it moves away from Cuba and remain a powerful hurricane as it approaches Florida.

Hurricane-force winds extend outward up to 70 miles (110 km) from the center, and tropical-storm-force winds extend outward up to 195 miles (315 km). Ft. Lauderdale/Hollywood International airport recently reported a sustained wind of 47 mph (76 km/h) and a gust of 70 mph (113 km/h).

The latest minimum central pressure reported by a NOAA Hurricane Hunter plane was 933 mb (27.55 inches).

HAZARDS AFFECTING LAND

STORM SURGE: The combination of a dangerous storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. The water is expected to reach the following HEIGHTS ABOVE GROUND if the peak surge occurs at the time of high tide...

Cape Sable to Captiva...10 to 15 ft
Captiva to Ana Maria Island...6 to 10 ft
Card Sound Bridge through Cape Sable, including the Florida Keys...
5 to 10 ft
Ana Maria Island to Clearwater Beach, including Tampa Bay...
5 to 8 ft
North Miami Beach to Card Sound Bridge, including Biscayne Bay...
4 to 6 ft
South Santee River to Fernandina Beach...4 to 6 ft
Clearwater Beach to Ochlockonee River...4 to 6 ft
Fernandina Beach to North Miami Beach...2 to 4 ft

The deepest water will occur along the immediate coast in areas of onshore winds, where the surge will be accompanied by large and destructive waves. Surge-related flooding depends on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

The combination of a life-threatening storm surge and large breaking waves will raise water levels ABOVE NORMAL TIDE LEVELS by the following amounts within the hurricane warning area near and to the north of the center of Irma. Near the coast, the surge will be accompanied by large and destructive waves.

Northwestern Bahamas...3 to 6 ft
Northern coast of Cuba in the warning area...5 to 10 ft

WIND: Hurricane conditions are expected to continue within the hurricane warning area along the north coast of Cuba through tonight. Hurricane conditions are expected in portions of the northwestern Bahamas tonight, and in portions of the Florida peninsula and the Florida Keys beginning Sunday morning. Tropical storm and hurricane conditions are expected to spread northward across the remainder of the warning areas through Monday.

RAINFALL: Irma is expected to produce the following rain accumulations through Wednesday:

Northern Cuba...10 to 15 inches, isolated 20 inches.
Southern Cuba...5 to 10 inches, isolated 15 inches.
Western Bahamas...3 to 6 inches, isolated 10 inches.
The Florida Keys...10 to 20 inches, isolated 25 inches.

The Florida peninsula and southeast Georgia...8 to 15 inches,
isolated 20 inches.

The eastern Florida Panhandle and southern South Carolina...4 to 8
inches, isolated 10 inches.

Rest of eastern Georgia, western South Carolina, and western North
Carolina...4 to 8 inches.

Western Georgia, eastern and northern Alabama, and southern
Tennessee...2 to 5 inches.

In all areas this rainfall may cause life-threatening flash floods
and, in some areas, mudslides.

TORNADOES: A few tornadoes are possible this evening and tonight
over south Florida, expanding northward into central Florida on
Sunday.

SURF: Swells generated by Irma are affecting the southeastern
Bahamas, the Turks and Caicos Islands and the southeast coast of the
United States today. These swells are likely to cause life-
threatening surf and rip current conditions. Please consult
products from your local weather office.

NEXT ADVISORY

Next intermediate advisory at 800 PM EDT.

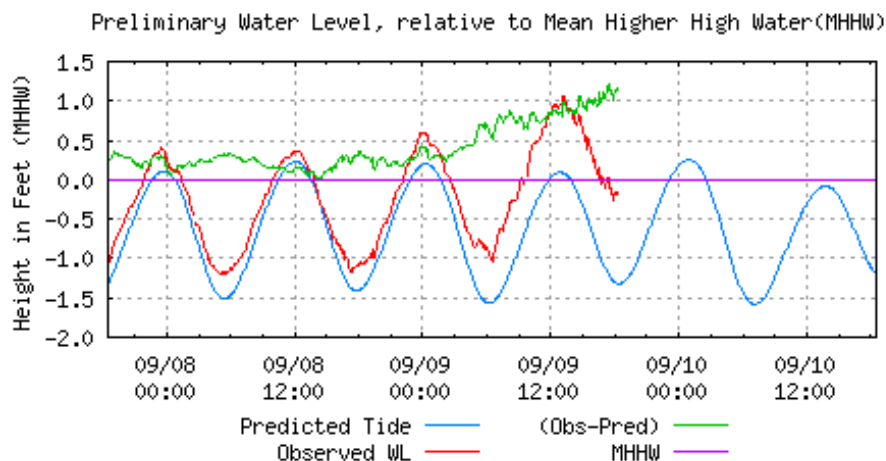
Next complete advisory at 1100 PM EDT.

Forecaster Avila

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Key West - Water Level](#), [Key West - Winds](#), [Key West - Barometric](#), [Vaca Key, Florida Bay - Water Level](#), [Vaca Key, Florida Bay - Winds](#), [Vaca Key, Florida Bay - Barometric](#), [Virginia Key, Biscayne Bay - Water Level](#), [Virginia Key, Biscayne Bay - Winds](#), [Virginia Key, Biscayne Bay - Barometric](#), [Naples, Gulf of Mexico - Water Level](#), [Naples, Gulf of Mexico - Winds](#), [Naples, Gulf of Mexico - Barometric](#), [Lake Worth Pier, Atlantic Ocean - Water Level](#), [Lake Worth Pier, Atlantic Ocean - Winds](#), [Fort Myers, Caloosahatchee River - Water Level](#), [Fort Myers, Caloosahatchee River - Winds](#), [Port Manatee - Water Level](#), [Port Manatee - Barometric](#), [St Petersburg, Tampa Bay - Water Level](#), [St Petersburg, Tampa Bay - Winds](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Trident Pier, Port Canaveral - Water Level](#), [Trident Pier, Port Canaveral - Winds](#), [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Winds](#), [Fernandina Beach - Water Level](#), [Fernandina Beach - Winds](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Winds](#), [Charleston, Cooper River Entrance - Water Level](#), [Charleston, Cooper River Entrance - Winds](#), [Oyster Landing \(N Inlet Estuary\) - Water Level](#), [Springmaid Pier - Water Level](#)

NOAA/NOS/CO-OPS 8724580 Key West, FL



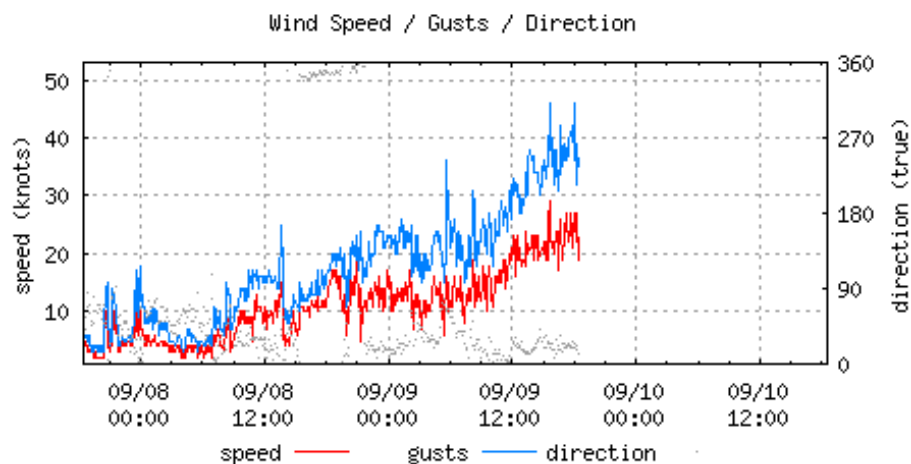
Last Observed Sample: 09/09/2017 18:24 (EDT). Data relative to MHHW

Observed: -0.19 ft. Predicted: -1.32 ft. Residual: 1.13 ft.

Historical Maximum Water Level: Oct 24 2005, 3.14 ft.

Next High Tide: 09/10/2017 00:55 (EDT), 0.25 ft.

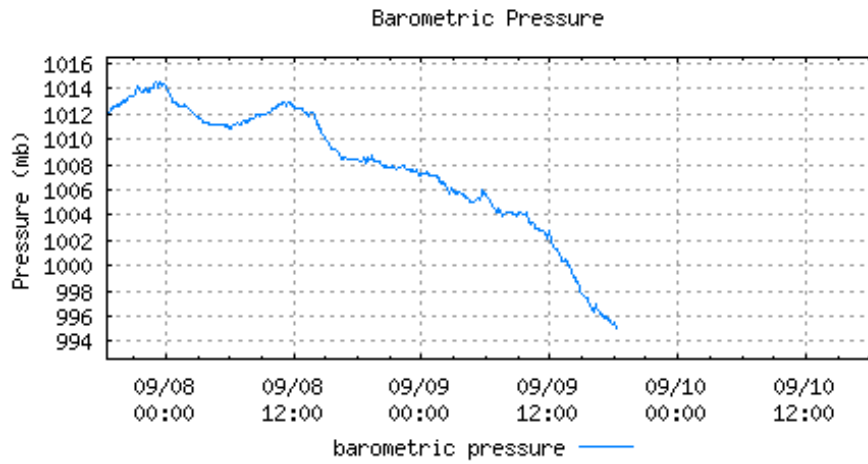
NOAA/NOS/CO-OPS 8724580 Key West, FL



Last Observed Sample: 09/09/2017 18:24 (EDT)

Wind Speed: 19 knots Gusts: 35 knots Direction: 12° T

NOAA/NOS/CO-OPS 8724580 Key West, FL

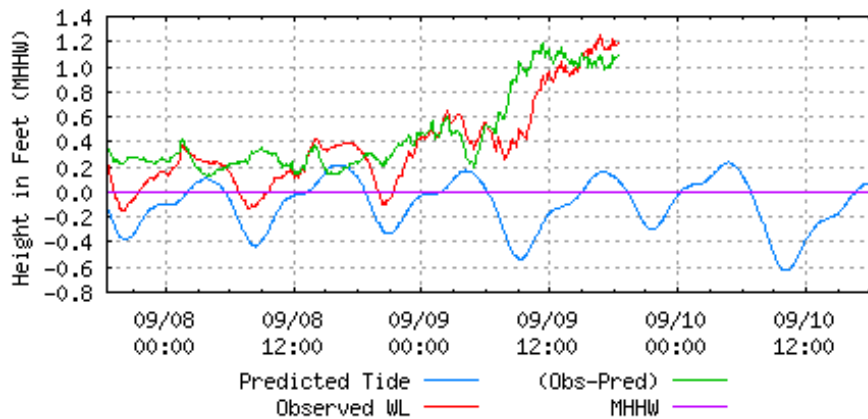


Last Observed Sample: 09/09/2017 18:24 (EDT)

Barometric Pressure: 995.1 mb

NOAA/NOS/CO-OPS 8723970 Vaca Key, Florida Bay, FL

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



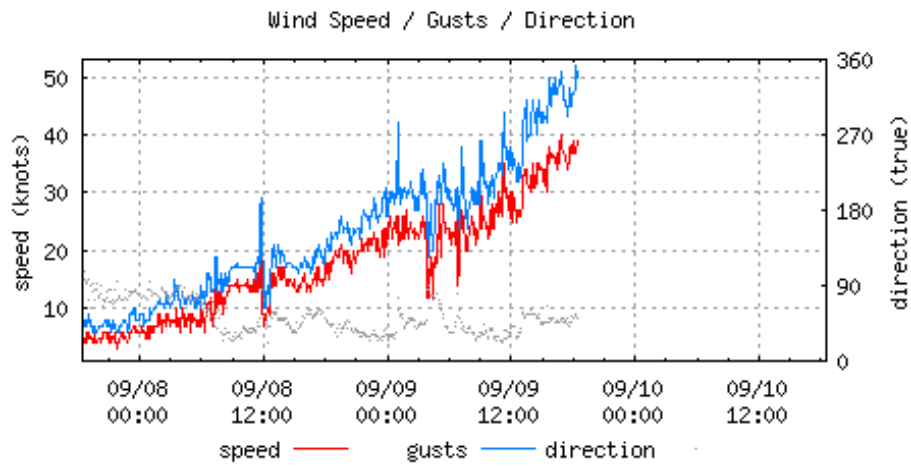
Last Observed Sample: 09/09/2017 18:24 (EDT). Data relative to MHHW

Observed: 1.19 ft. Predicted: 0.10 ft. Residual: 1.09 ft.

Historical Maximum Water Level: Oct 24 2005, 5.80 ft.

Next High Tide: 09/10/2017 04:43 (EDT), 0.23 ft.

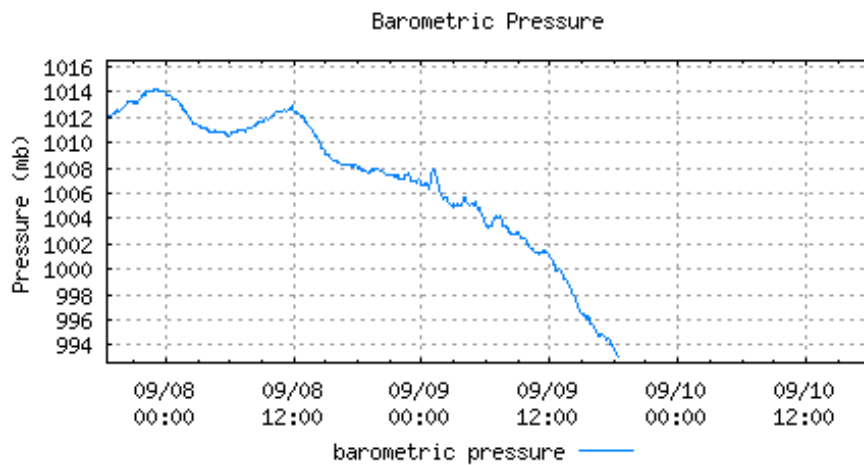
NOAA/NOS/CO-OPS 8723970 Vaca Key, Florida Bay, FL



Last Observed Sample: 09/09/2017 18:24 (EDT)

Wind Speed: 39 knots Gusts: 50 knots Direction: 51° T

NOAA/NOS/CO-OPS 8723970 Vaca Key, Florida Bay, FL

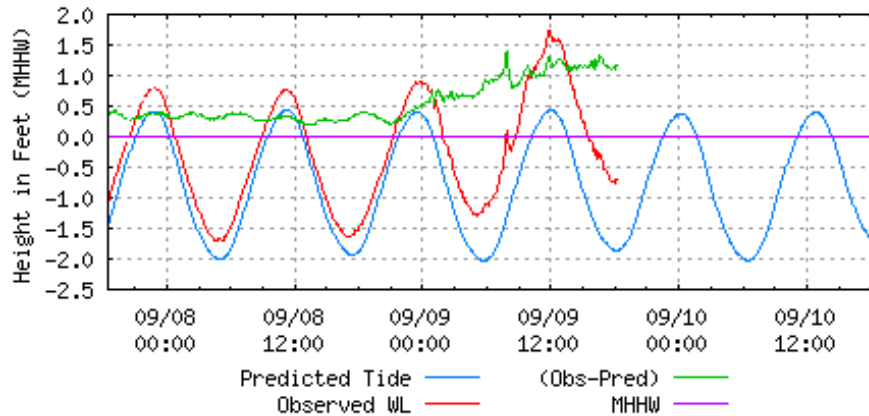


Last Observed Sample: 09/09/2017 18:24 (EDT)

Barometric Pressure: 993.1 mb

NOAA/NOS/CO-OPS 8723214 Virginia Key, Biscayne Bay, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 09/09/2017 18:18 (EDT). Data relative to MHHW

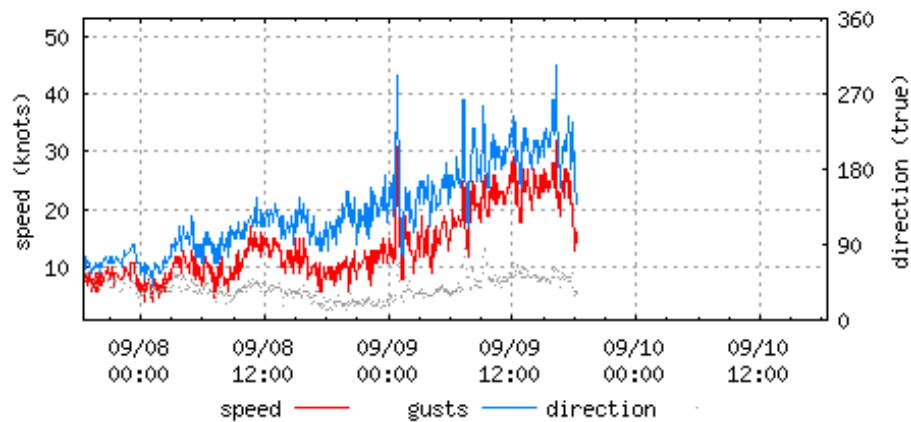
Observed: -0.70 ft. Predicted: -1.86 ft. Residual: 1.16 ft.

Historical Maximum Water Level: Oct 24 2005, 2.58 ft.

Next High Tide: 09/10/2017 00:13 (EDT), 0.37 ft.

NOAA/NOS/CO-OPS 8723214 Virginia Key, Biscayne Bay, FL

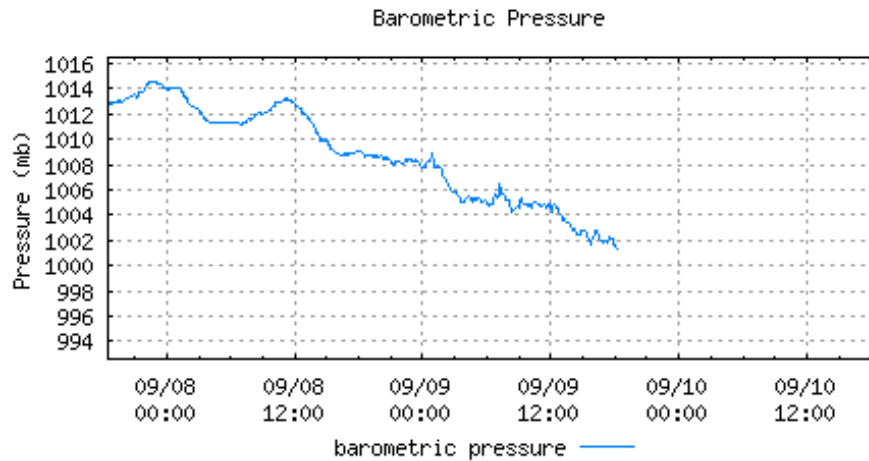
Wind Speed / Gusts / Direction



Last Observed Sample: 09/09/2017 18:18 (EDT)

Wind Speed: 16 knots Gusts: 21 knots Direction: 34° T

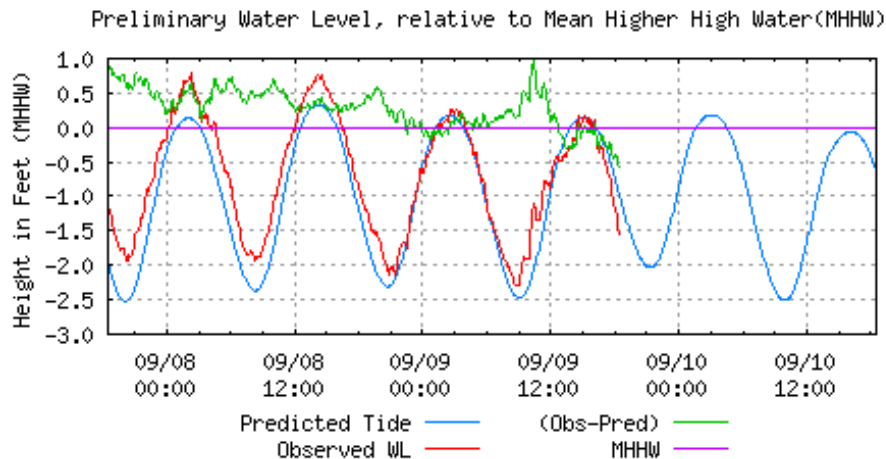
NOAA/NOS/CO-OPS 8723214 Virginia Key, Biscayne Bay, FL



Last Observed Sample: 09/09/2017 18:18 (EDT)

Barometric Pressure: 1001.3 mb

NOAA/NOS/CO-OPS 8725110 Naples, Gulf of Mexico, FL



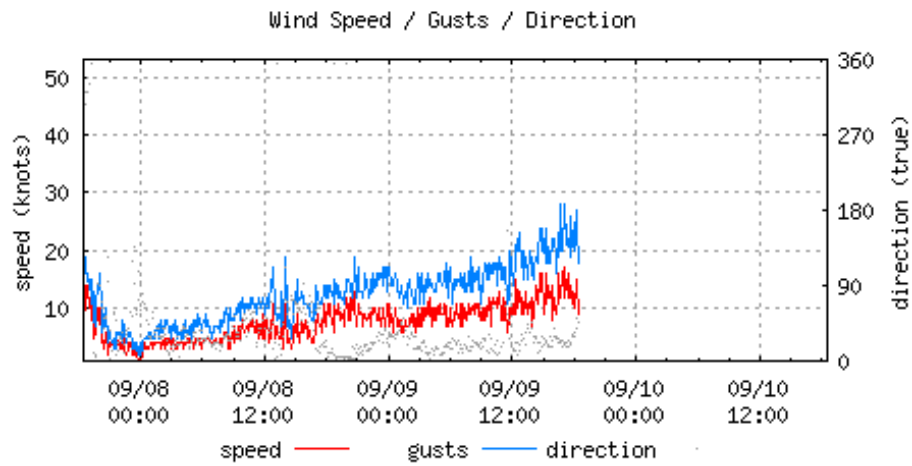
Last Observed Sample: 09/09/2017 18:24 (EDT). Data relative to MHHW

Observed: -1.55 ft. Predicted: -0.98 ft. Residual: -0.57 ft.

Historical Maximum Water Level: Dec 21 1972, 3.11 ft.

Next High Tide: 09/10/2017 03:02 (EDT), 0.19 ft.

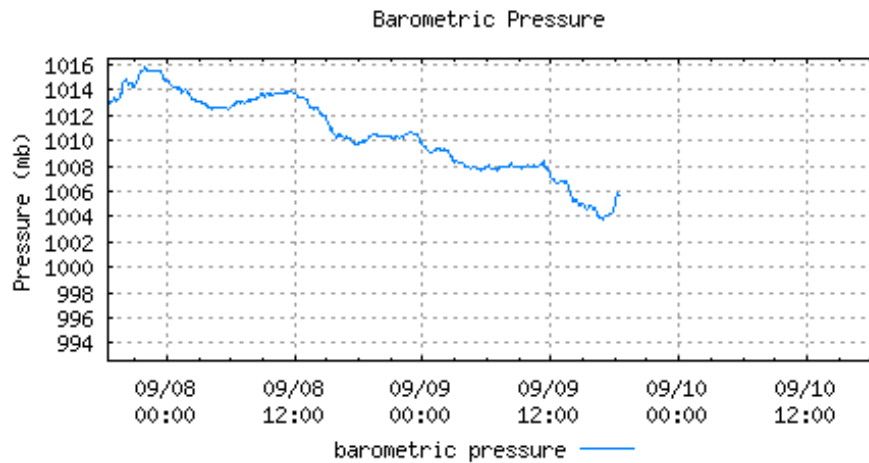
NOAA/NOS/CO-OPS 8725110 Naples, Gulf of Mexico, FL



Last Observed Sample: 09/09/2017 18:24 (EDT)

Wind Speed: 9 knots Gusts: 18 knots Direction: 46° T

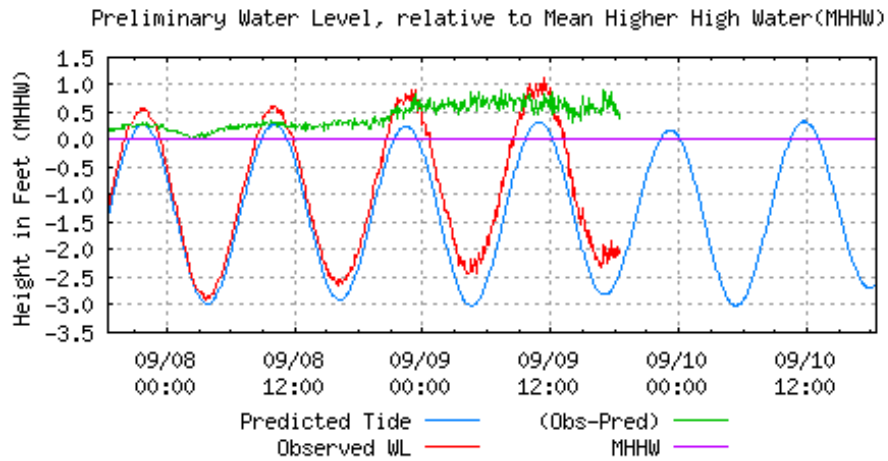
NOAA/NOS/CO-OPS 8725110 Naples, Gulf of Mexico, FL



Last Observed Sample: 09/09/2017 18:24 (EDT)

Barometric Pressure: 1005.6 mb

NOAA/NOS/CO-OPS 8722670 Lake Worth Pier, Atlantic Ocean, FL



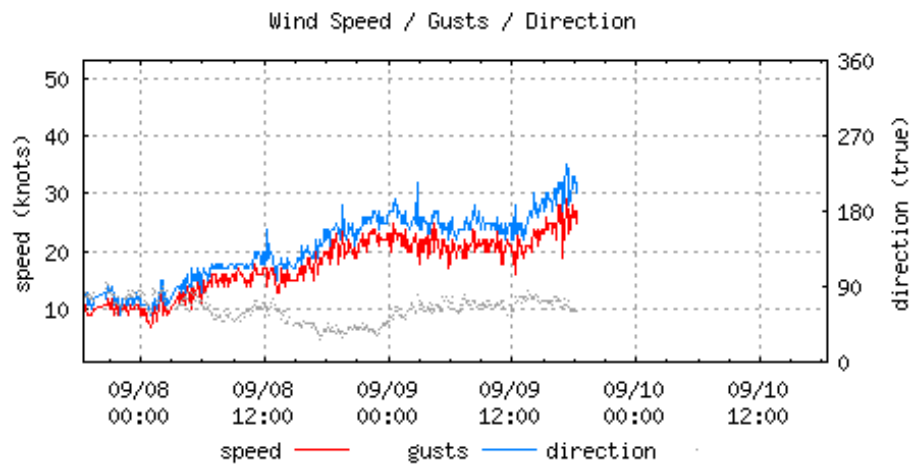
Last Observed Sample: 09/09/2017 18:24 (EDT). Data relative to MHHW

Observed: -2.05 ft. Predicted: -2.45 ft. Residual: 0.40 ft.

Historical Maximum Water Level: Oct 28 2012, 2.00 ft.

Next High Tide: 09/09/2017 23:11 (EDT), 0.18 ft.

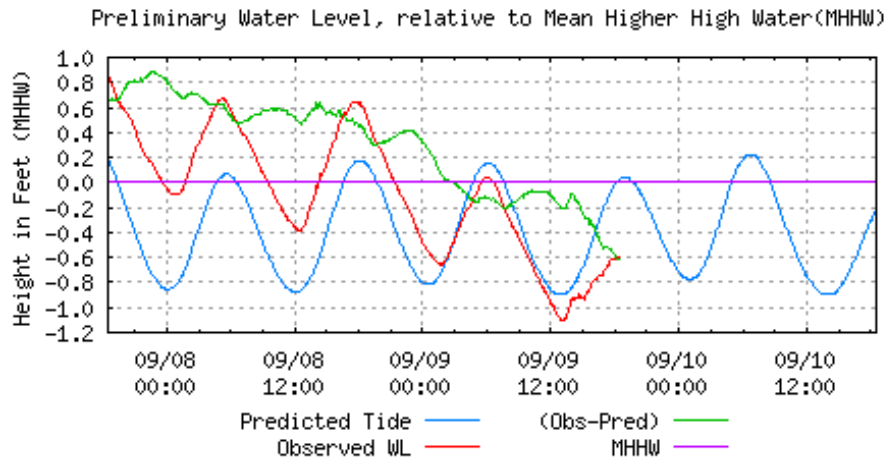
NOAA/NOS/CO-OPS 8722670 Lake Worth Pier, Atlantic Ocean, FL



Last Observed Sample: 09/09/2017 18:24 (EDT)

Wind Speed: 25 knots Gusts: 30 knots Direction: 61° T

NOAA/NOS/CO-OPS 8725520 Fort Myers, Caloosahatchee River, FL



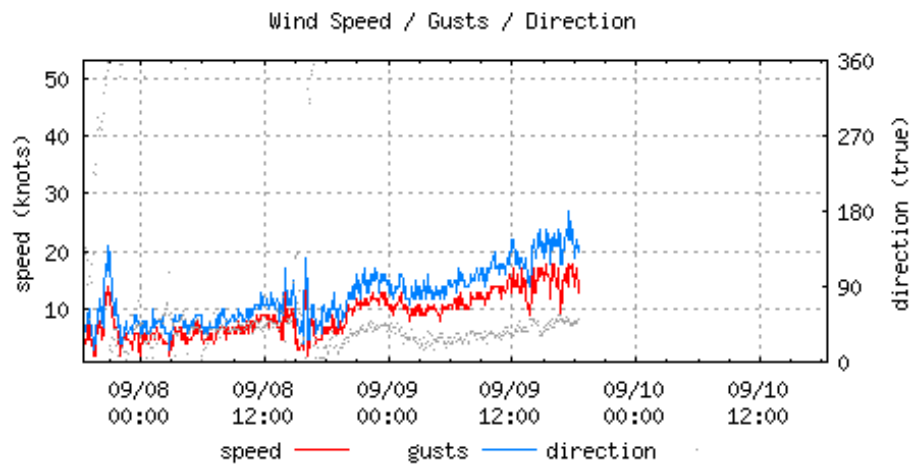
Last Observed Sample: 09/09/2017 18:24 (EDT). Data relative to MHHW

Observed: -0.60 ft. Predicted: 0.01 ft. Residual: -0.61 ft.

Historical Maximum Water Level: Nov 23 1988, 3.41 ft.

Next High Tide: 09/09/2017 18:57 (EDT), 0.04 ft.

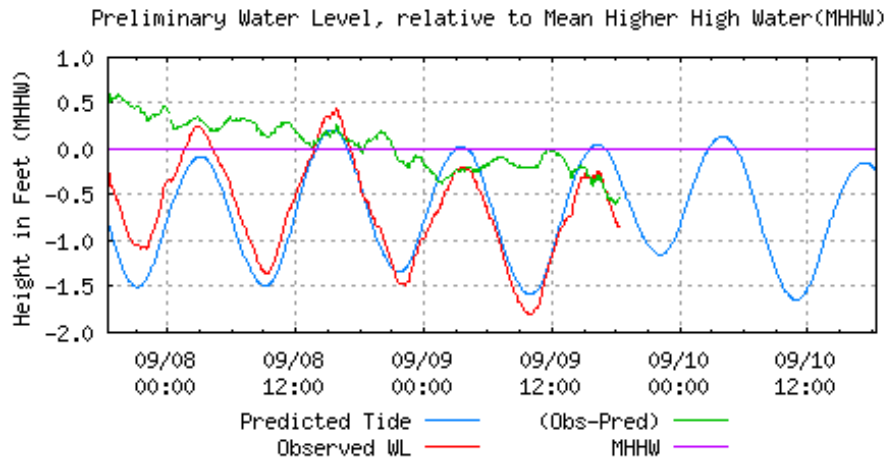
NOAA/NOS/CO-OPS 8725520 Fort Myers, Caloosahatchee River, FL



Last Observed Sample: 09/09/2017 18:24 (EDT)

Wind Speed: 13 knots Gusts: 20 knots Direction: 51° T

NOAA/NOS/CO-OPS 8726384 Port Manatee, FL



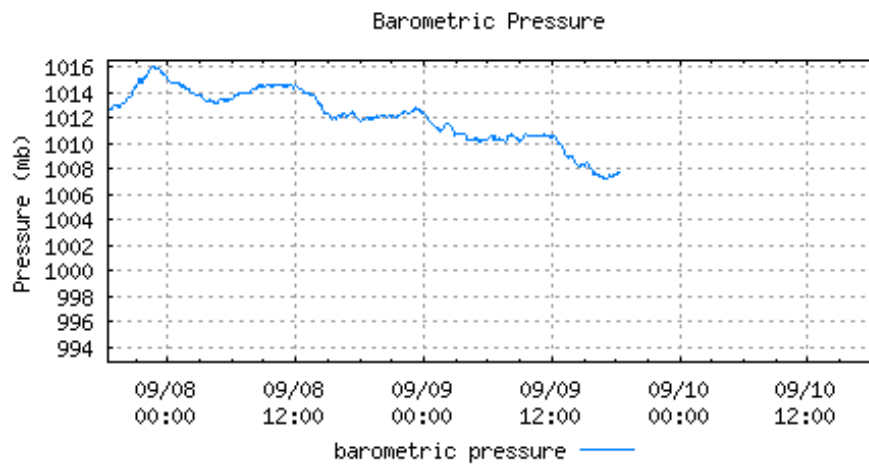
Last Observed Sample: 09/09/2017 18:24 (EDT). Data relative to MHHW

Observed: -0.86 ft. Predicted: -0.32 ft. Residual: -0.54 ft.

Historical Maximum Water Level: Sep 6 2004, 2.29 ft.

Next High Tide: 09/10/2017 04:01 (EDT), 0.13 ft.

NOAA/NOS/CO-OPS 8726384 Port Manatee, FL

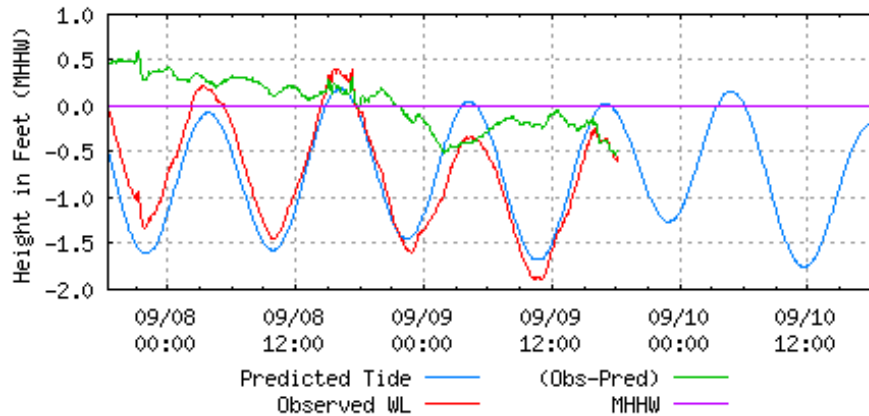


Last Observed Sample: 09/09/2017 18:24 (EDT)

Barometric Pressure: 1007.8 mb

NOAA/NOS/CO-OPS 8726520 St Petersburg, Tampa Bay, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 09/09/2017 18:18 (EDT). Data relative to MHHW

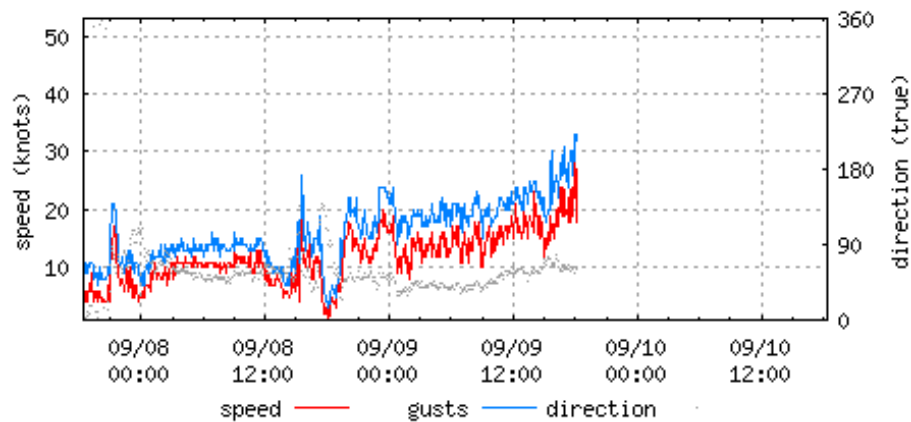
Observed: -0.60 ft. Predicted: -0.12 ft. Residual: -0.48 ft.

Historical Maximum Water Level: Aug 31 1985, 4.00 ft.

Next High Tide: 09/10/2017 04:46 (EDT), 0.16 ft.

NOAA/NOS/CO-OPS 8726520 St Petersburg, Tampa Bay, FL

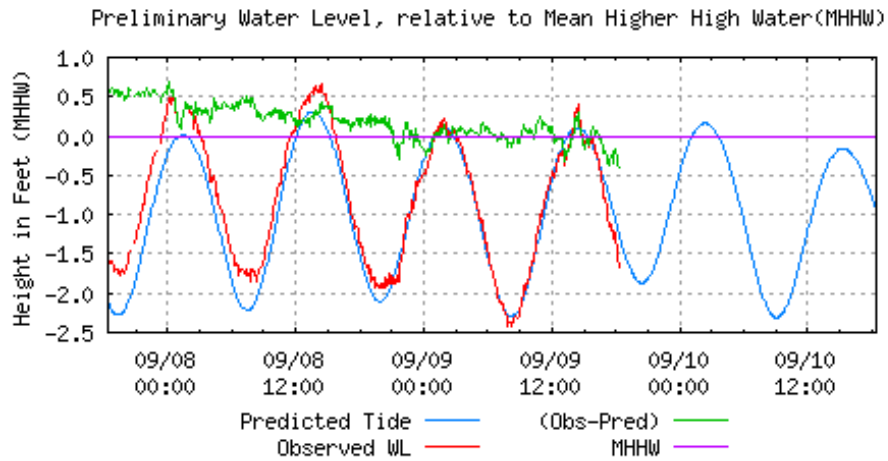
Wind Speed / Gusts / Direction



Last Observed Sample: 09/09/2017 18:18 (EDT)

Wind Speed: 18 knots Gusts: 25 knots Direction: 70° T

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



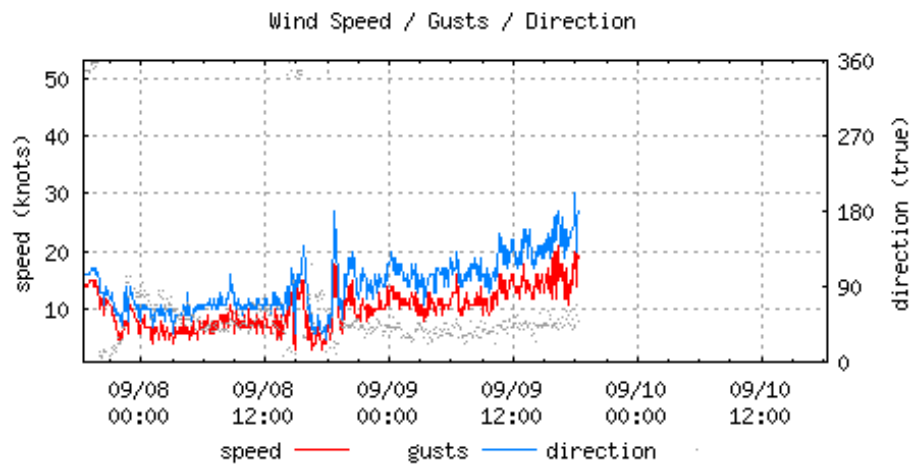
Last Observed Sample: 09/09/2017 18:18 (EDT). Data relative to MHHW

Observed: -1.67 ft. Predicted: -1.26 ft. Residual: -0.41 ft.

Historical Maximum Water Level: Mar 13 1993, 4.00 ft.

Next High Tide: 09/10/2017 02:21 (EDT), 0.16 ft.

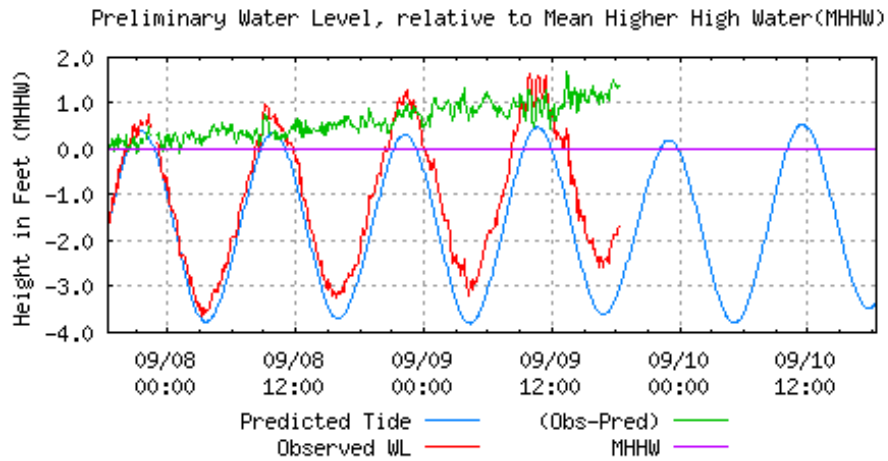
NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



Last Observed Sample: 09/09/2017 18:18 (EDT)

Wind Speed: 19 knots Gusts: 27 knots Direction: 49° T

NOAA/NOS/CO-OPS 8721604 Trident Pier, Port Canaveral, FL



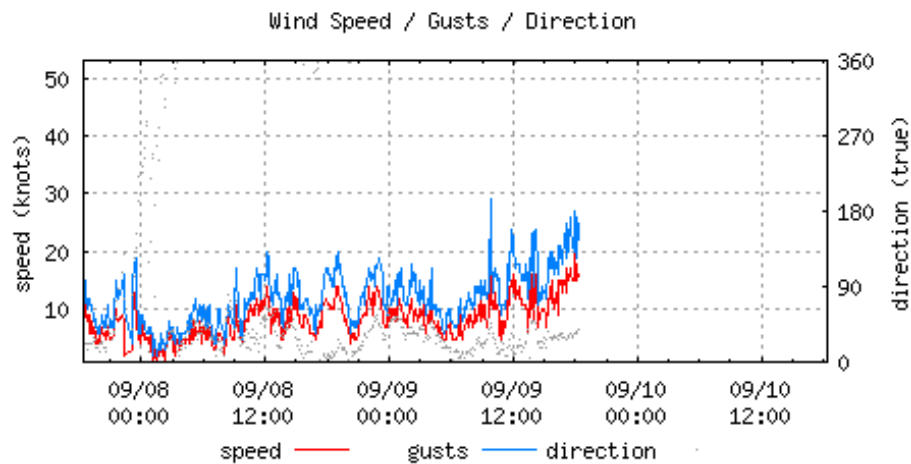
Last Observed Sample: 09/09/2017 18:24 (EDT). Data relative to MHHW

Observed: -1.56 ft. Predicted: -2.99 ft. Residual: 1.43 ft.

Historical Maximum Water Level: Sep 26 2004, 4.01 ft.

Next High Tide: 09/09/2017 22:58 (EDT), 0.19 ft.

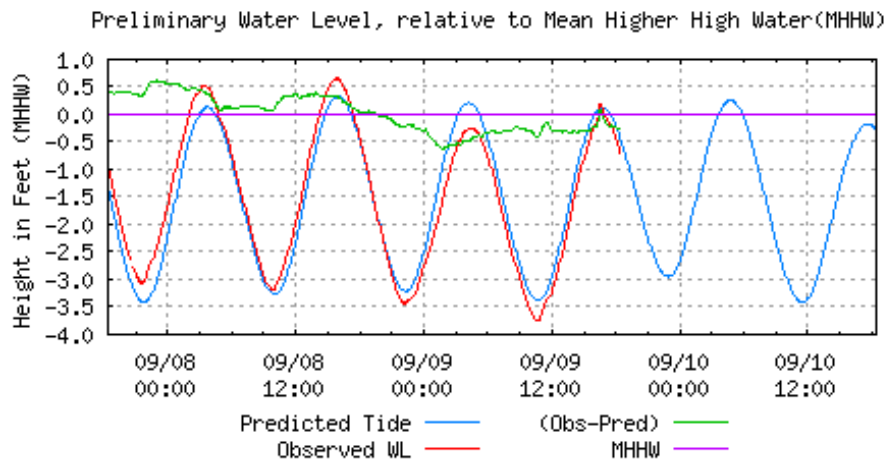
NOAA/NOS/CO-OPS 8721604 Trident Pier, Port Canaveral, FL



Last Observed Sample: 09/09/2017 18:24 (EDT)

Wind Speed: 20 knots Gusts: 27 knots Direction: 31° T

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



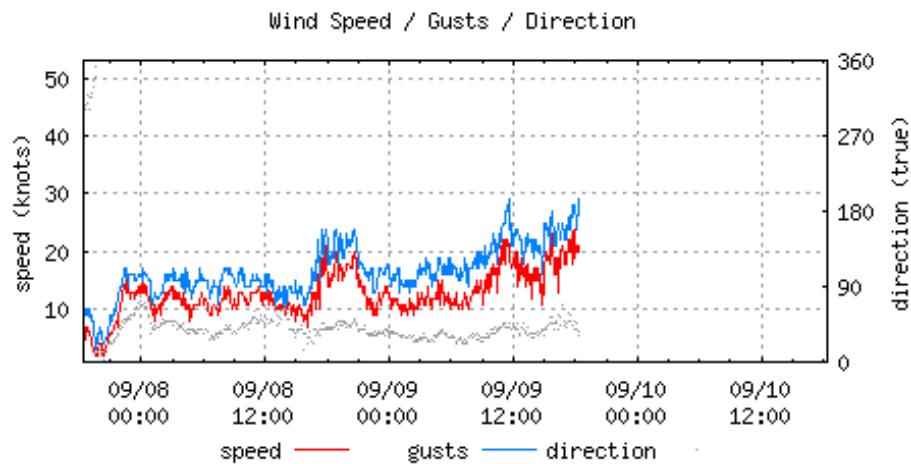
Last Observed Sample: 09/09/2017 18:24 (EDT). Data relative to MHHW

Observed: -0.70 ft. Predicted: -0.43 ft. Residual: -0.27 ft.

Historical Maximum Water Level: Oct 7 1996, 5.15 ft.

Next High Tide: 09/10/2017 04:44 (EDT), 0.25 ft.

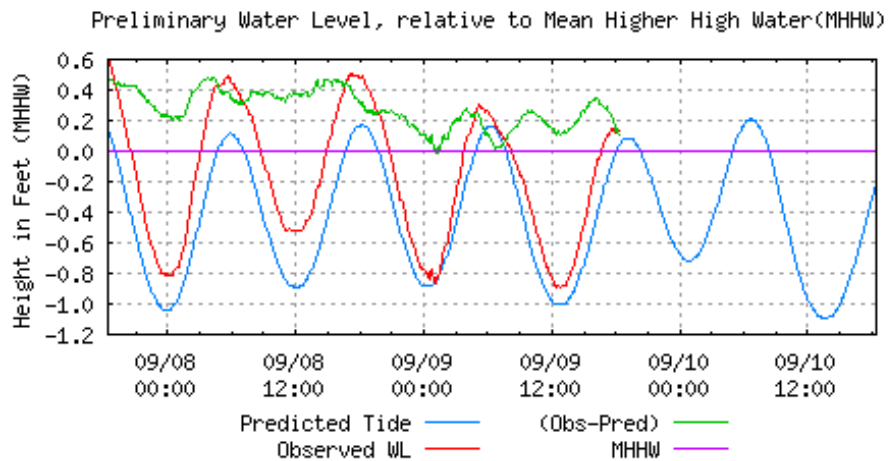
NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



Last Observed Sample: 09/09/2017 18:24 (EDT)

Wind Speed: 20 knots Gusts: 29 knots Direction: 31° T

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



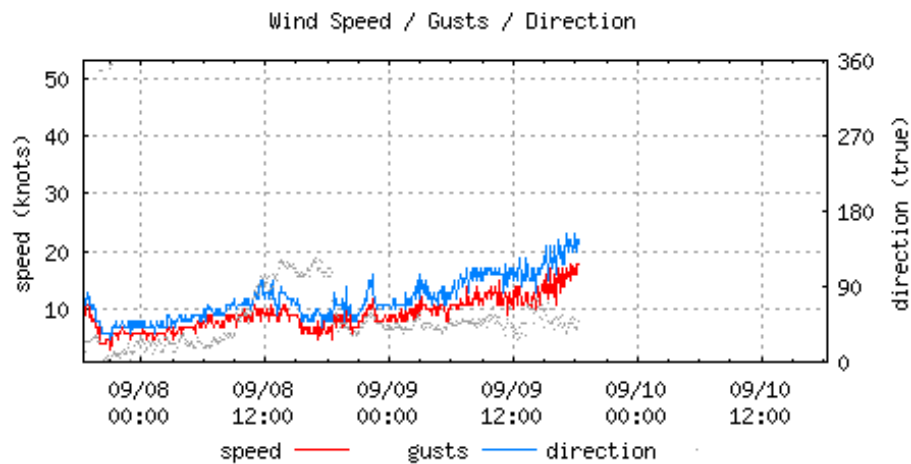
Last Observed Sample: 09/09/2017 18:24 (EDT). Data relative to MHHW

Observed: 0.13 ft. Predicted: 0.05 ft. Residual: 0.08 ft.

Historical Maximum Water Level: Jul 10 2005, 6.43 ft.

Next High Tide: 09/09/2017 19:09 (EDT), 0.09 ft.

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL

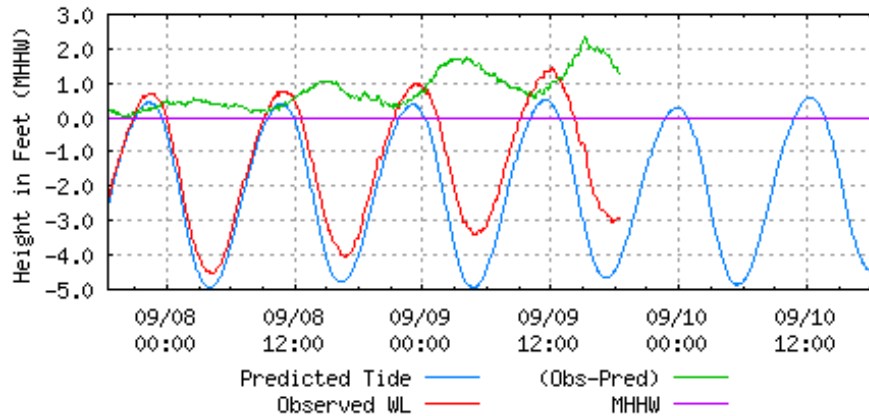


Last Observed Sample: 09/09/2017 18:24 (EDT)

Wind Speed: 18 knots Gusts: 24 knots Direction: 49° T

NOAA/NOS/CO-OPS 8720218 Mayport (Bar Pilots Dock), FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 09/09/2017 18:24 (EDT). Data relative to MHHW

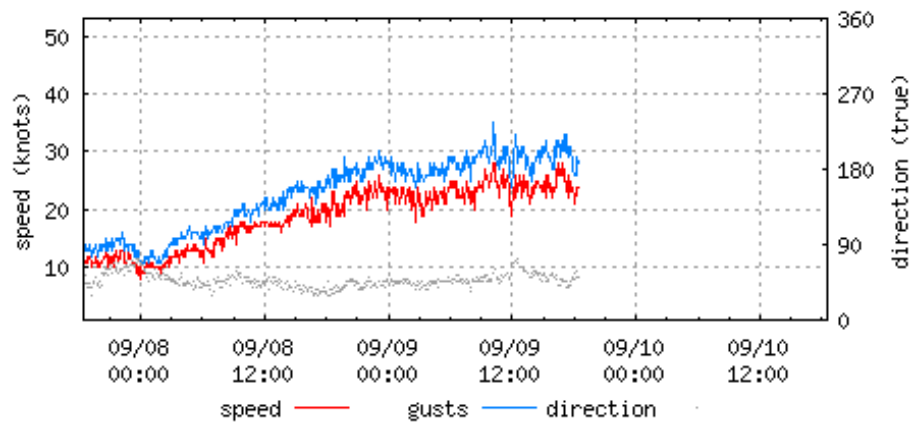
Observed: -2.94 ft. Predicted: -4.21 ft. Residual: 1.27 ft.

Historical Maximum Water Level: Oct 7 2016, 3.22 ft.

Next High Tide: 09/09/2017 23:50 (EDT), 0.29 ft.

NOAA/NOS/CO-OPS 8720218 Mayport (Bar Pilots Dock), FL

Wind Speed / Gusts / Direction

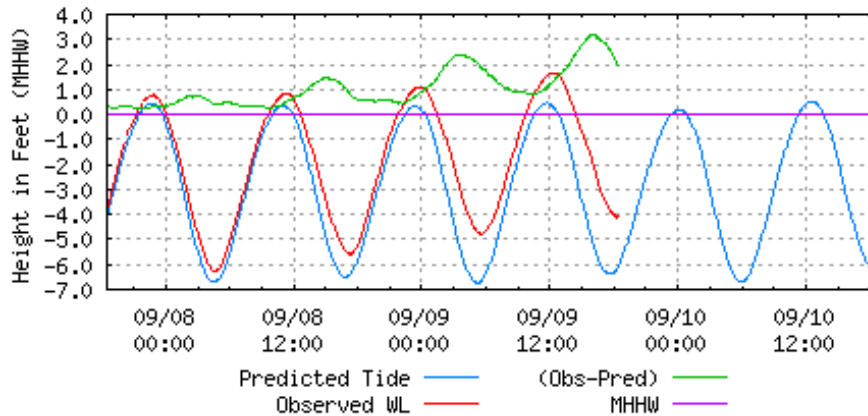


Last Observed Sample: 09/09/2017 18:24 (EDT)

Wind Speed: 24 knots Gusts: 28 knots Direction: 52° T

NOAA/NOS/CO-OPS 8720030 Fernandina Beach, FL

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 09/09/2017 18:24 (EDT). Data relative to MHHW

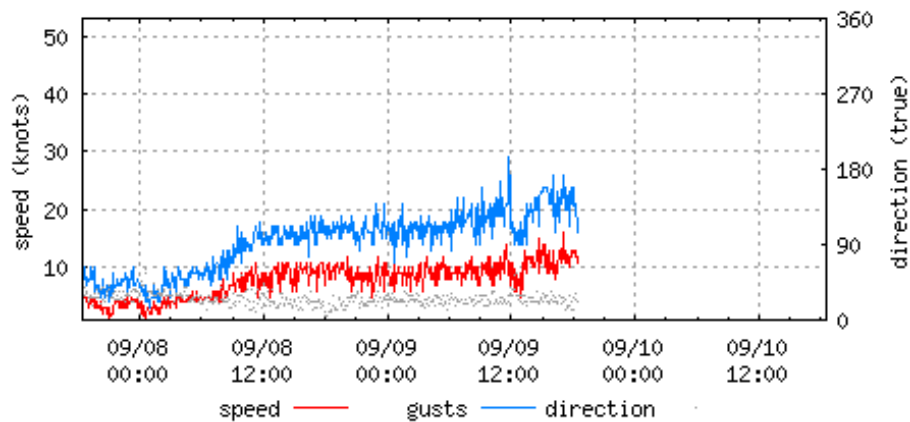
Observed: -4.10 ft. Predicted: -6.09 ft. Residual: 1.99 ft.

Historical Maximum Water Level: Oct 2 1898, 6.94 ft.

Next High Tide: 09/10/2017 00:08 (EDT), 0.18 ft.

NOAA/NOS/CO-OPS 8720030 Fernandina Beach, FL

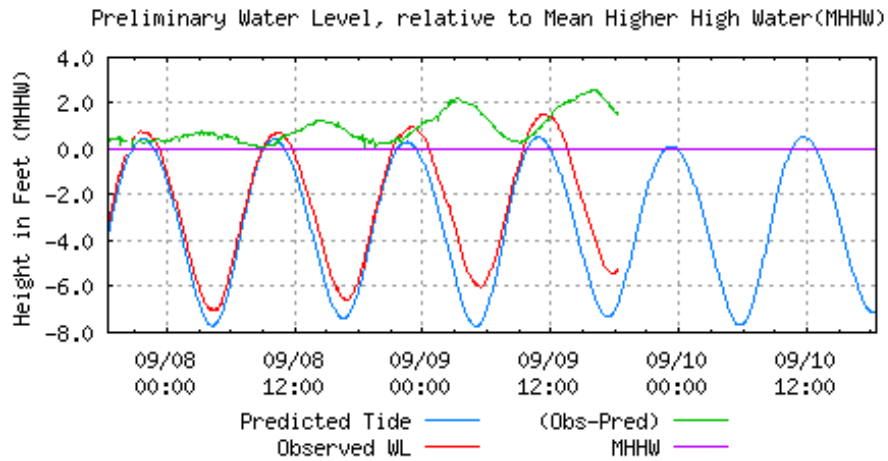
Wind Speed / Gusts / Direction



Last Observed Sample: 09/09/2017 18:24 (EDT)

Wind Speed: 11 knots Gusts: 16 knots Direction: 23° T

NOAA/NOS/CO-OPS 8670870 Fort Pulaski, GA



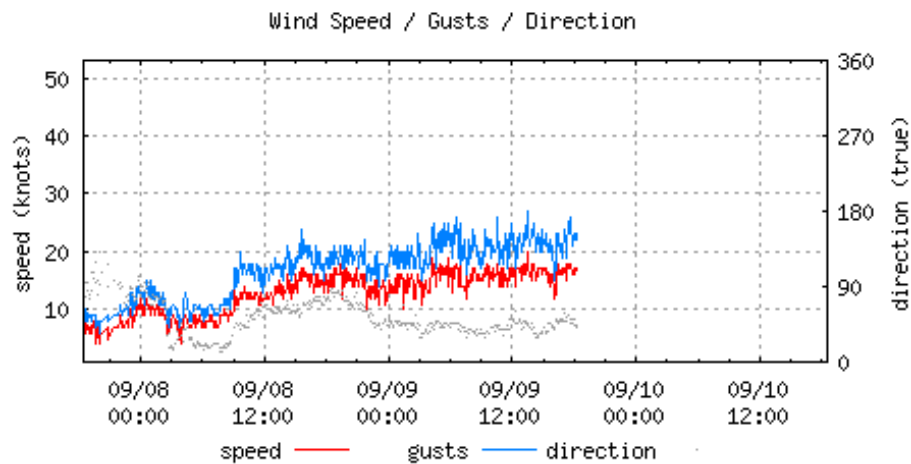
Last Observed Sample: 09/09/2017 18:18 (EDT). Data relative to MHHW

Observed: -5.24 ft. Predicted: -6.74 ft. Residual: 1.50 ft.

Historical Maximum Water Level: Oct 15 1947, 3.40 ft.

Next High Tide: 09/09/2017 23:16 (EDT), 0.11 ft.

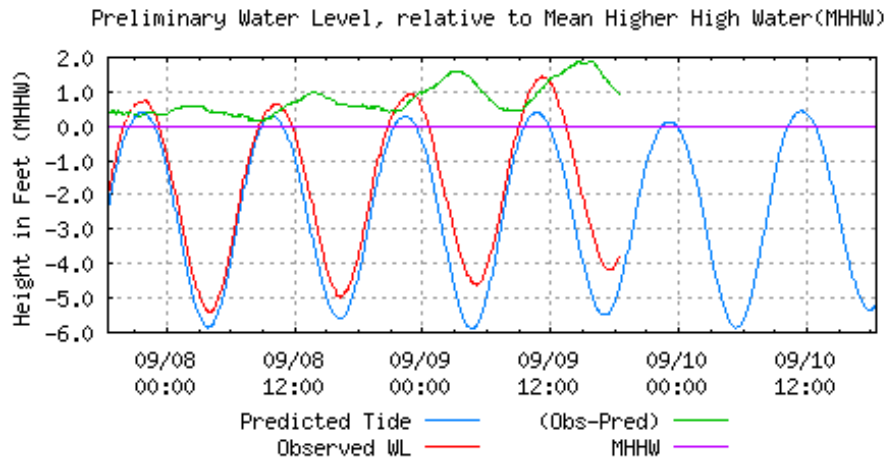
NOAA/NOS/CO-OPS 8670870 Fort Pulaski, GA



Last Observed Sample: 09/09/2017 18:18 (EDT)

Wind Speed: 17 knots Gusts: 23 knots Direction: 44° T

NOAA/NOS/CO-OPS 8665530 Charleston, Cooper River Entrance, SC



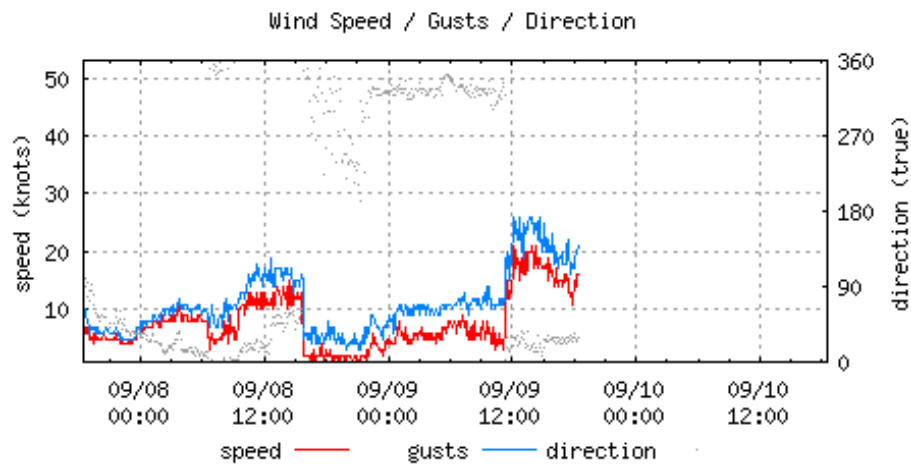
Last Observed Sample: 09/09/2017 18:24 (EDT). Data relative to MHHW

Observed: -3.79 ft. Predicted: -4.73 ft. Residual: 0.94 ft.

Historical Maximum Water Level: Sep 21 1989, 6.76 ft.

Next High Tide: 09/09/2017 23:06 (EDT), 0.12 ft.

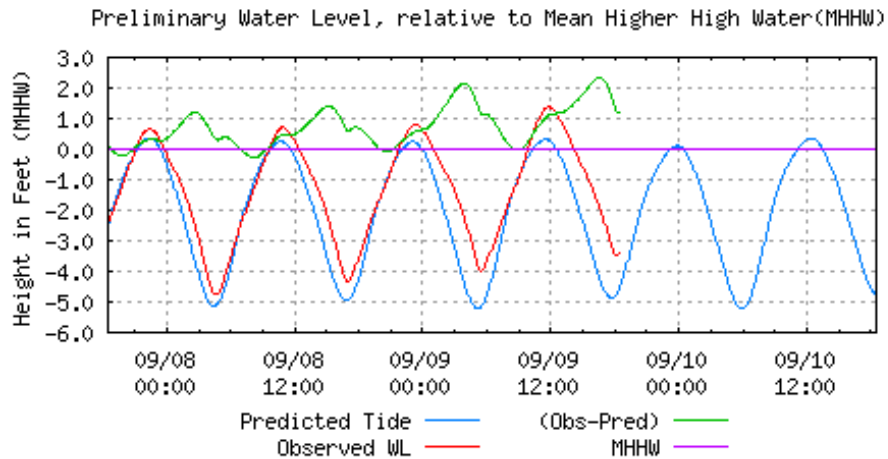
NOAA/NOS/CO-OPS 8665530 Charleston, Cooper River Entrance, SC



Last Observed Sample: 09/09/2017 18:24 (EDT)

Wind Speed: 16 knots Gusts: 21 knots Direction: 30° T

NOAA/NOS/CO-OPS 8662245 Oyster Landing (N Inlet Estuary), SC



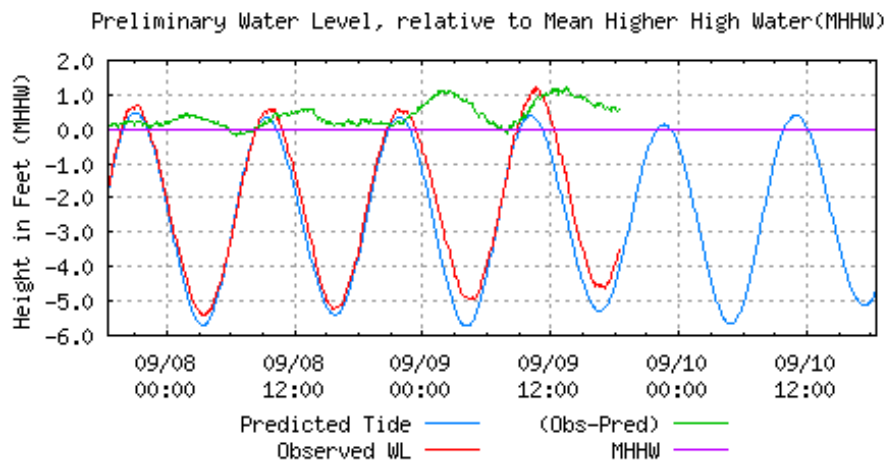
Last Observed Sample: 09/09/2017 18:24 (EDT). Data relative to MHHW

Observed: -3.38 ft. Predicted: -4.58 ft. Residual: 1.20 ft.

Historical Maximum Water Level: Oct 8 2016, 4.64 ft.

Next High Tide: 09/09/2017 23:52 (EDT), 0.10 ft.

NOAA/NOS/CO-OPS 8661070 Springmaid Pier, SC



Last Observed Sample: 09/09/2017 18:24 (EDT). Data relative to MHHW

Observed: -3.53 ft. Predicted: -4.11 ft. Residual: 0.58 ft.

Historical Maximum Water Level: Jan 1 1987, 3.65 ft.

Next High Tide: 09/09/2017 22:35 (EDT), 0.14 ft.

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8724580	Key West, FL	09/09/2017 18:24 (EDT)	-0.19 ft	-1.32 ft	1.13 ft	1.06 ft
8723970	Vaca Key, Florida Bay, FL	09/09/2017 18:24 (EDT)	1.19 ft	0.10 ft	1.09 ft	1.25 ft
8723214	Virginia Key, Biscayne Bay, FL	09/09/2017 18:18 (EDT)	-0.70 ft	-1.86 ft	1.16 ft	1.74 ft
8725110	Naples, Gulf of Mexico, FL	09/09/2017 18:24 (EDT)	-1.55 ft	-0.98 ft	-0.57 ft	0.27 ft
8722670	Lake Worth Pier, Atlantic Ocean, FL	09/09/2017 18:24 (EDT)	-2.05 ft	-2.45 ft	0.40 ft	1.13 ft
8725520	Fort Myers, Caloosahatchee River, FL	09/09/2017 18:24 (EDT)	-0.60 ft	0.01 ft	-0.61 ft	0.60 ft
8726384	Port Manatee, FL	09/09/2017 18:24 (EDT)	-0.86 ft	-0.32 ft	-0.54 ft	-0.19 ft
8726520	St Petersburg, Tampa Bay, FL	09/09/2017 18:18 (EDT)	-0.60 ft	-0.12 ft	-0.48 ft	-0.10 ft
8726724	Clearwater Beach, FL	09/09/2017 18:18 (EDT)	-1.67 ft	-1.26 ft	-0.41 ft	0.41 ft
8721604	Trident Pier, Port Canaveral, FL	09/09/2017 18:24 (EDT)	-1.56 ft	-2.99 ft	1.43 ft	1.66 ft
8727520	Cedar Key, FL	09/09/2017 18:24 (EDT)	-0.70 ft	-0.43 ft	-0.27 ft	0.17 ft
8728690	Apalachicola, FL	09/09/2017 18:24 (EDT)	0.13 ft	0.05 ft	0.08 ft	0.46 ft
8720218	Mayport (Bar Pilots Dock), FL	09/09/2017 18:24 (EDT)	-2.94 ft	-4.21 ft	1.27 ft	1.44 ft
8720030	Fernandina Beach, FL	09/09/2017 18:24 (EDT)	-4.10 ft	-6.09 ft	1.99 ft	1.65 ft
8670870	Fort Pulaski, GA	09/09/2017 18:18 (EDT)	-5.24 ft	-6.74 ft	1.50 ft	1.55 ft
8665530	Charleston, Cooper River Entrance, SC	09/09/2017 18:24 (EDT)	-3.79 ft	-4.73 ft	0.94 ft	1.47 ft
8662245	Oyster Landing (N Inlet Estuary), SC	09/09/2017 18:24 (EDT)	-3.38 ft	-4.58 ft	1.20 ft	1.39 ft
8661070	Springmaid Pier, SC	09/09/2017 18:24 (EDT)	-3.53 ft	-4.11 ft	0.58 ft	1.21 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce